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U. S. DEPARTMENT OF COMMERCE

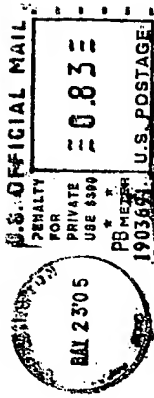
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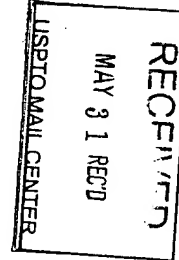
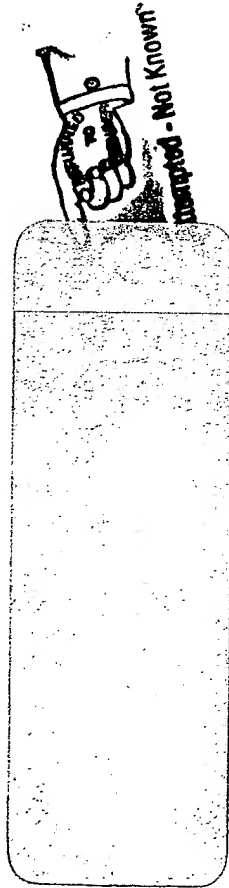
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I-75

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/805,657

03/14/2001

Roch Glitho

1000-0165

2878

7590

05/20/2005

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EXAMINER

BUI, BING Q

ART UNIT

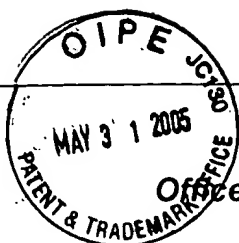
PAPER NUMBER

2642

DATE MAILED: 05/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED
JUN - 1 2005
OIPE/JC130



Office Action Summary	Application No. 09/805,657	Applicant(s) GLITHO ET AL.	
	Examiner Bing Q. Bui	Art Unit 2642	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 November 2004.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-7,9-19,21 and 22 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☒ Claim(s) 11-15 is/are allowed.
6) ☒ Claim(s) 1-3,5-7,9,10,16-19,21 and 22 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 14 March 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. Applicant's Amendment filed on 11/18/2004 has been entered. Claims 1, 5 and 16 have been amended. Claims 4, 8 and 20 have been cancelled. No claims have been added. Claims 1-3, 5-7, 9-19 and 21-22 are still pending in this application, wherein claims 1, 5, 11 and 16 being independent.

Allowable Subject Matter

2. Claims 11-15 allowed.

3. The indicated allowability of claims 2-3, 6-7, 9-10, 17-19 and 21-22 is withdrawn in view of the newly discovered reference(s) to Hussain (US Pat No. 6,823,056).
Rejections based on the newly cited reference(s) follow.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the

United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-3, 5-7, 9-10, 16-19 and 21-22 are rejected under 35 U.S.C. 102(e) as being anticipated by Hussain (US Pat No. 6,823,056).

Regarding claim 1, referring to Figs 1-5, Hussain teaches an Intelligent Network Service Control Point IN-SCP (e.g., service control point SCP 50) for providing services to users in a telecommunication network, said IN-SCP comprising:

at least one Call Processing Language script (e.g., service package application SPA1 or SPA2) that generates a call-control instruction when the script is executed (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18); and

means for executing the CPL script (e.g., service package application SPA1 or SPA2) in response to receiving a service trigger for the script (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18);

a user database (e.g., SCP 50) that stores, for each user, a list of IN service logic and CPL scripts (e.g., (e.g., service package application SPA1 or SPA2) that are to be executed for each service trigger that is received by the IN-SCP (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18); and

a service logic prioritizer that determines an order in which the IN service logic and the CPL scripts (e.g., whether SPA1 or SPA2 to be executed first) are to be executed (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18);

Regarding claim 2, Hussain further teaches the CPL script is defined by the user, and the IN-SCP includes a CPL script interpreter for mapping semantics of the CPL

script to IN procedural detection points (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18).

Regarding claim 3, Hussain further teaches at least one block of service provider defined IN service logic that provides at least one service when executed (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18).

As to claims 5 and 16, they are rejected for the same reasons set forth to rejecting claim 1.

As to claims 6 and 17, they are rejected for the same reasons set forth to rejecting claim 2.

As to claim 7, it is rejected for the same reasons set forth to rejecting claim 3.

Regarding claim 9, Hussain further teaches the system of claim 5 wherein the CPL script is defined by the user, and the system further comprises a network administrative entity that verifies the CPL script and sends the verified script to the (IN-SCP (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18).

Regarding claim 10, Hussain further teaches the system of claim 9 wherein the administrative entity also determines the service trigger for the CPL script and sends the service trigger to the user profile database (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18).

Regarding claim 18, Hussain further teaches the method of claim 17 further comprising the steps of:

determining whether the IN-SCP also stores service provider-defined IN service logic for the user (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18); and

upon determining that the IN-SCP also stores IN service logic for the user, executing the service provider-defined IN service logic before executing the user-defined CPL script (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18).

Regarding claim 19, Hussain further teaches the method of claim 18 wherein the call server retrieves user profile information from the user profile repository when the user registers with the network, and the method further comprises, after the step of storing the user-defined CPL script in the IN-SCP, the steps of:

receiving a call in the call server that is associated with the user (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18);

determining by the call server whether a service trigger is to be generated (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18); and

sending a request for call-control instructions from the call server to the m-SCP, said request including an identification of the user and the service trigger (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18).

Regarding claim 21, Hussain further teaches the method of claim 20 wherein the step of prioritizing the service provider-defined IN service logic and the user-defined CPL script includes prioritizing the service provider-defined IN service logic and the user-defined CPL script in a Service Interaction Manager (SIM) in the IN-SCP (see col. 3, ln 58-col. 5, ln 53 and col. 6, ln 65-col. 7, ln 18).

Regarding claim 22, Hussain further teaches the method of claim 20 further comprising, after the step of prioritizing the service provider-defined IN service logic and the user-defined CPL script, the steps of:

determining whether the service provider-defined IN service logic and the user-defined CPL script are consistent (see col. 3, In 58-col. 5, In 53 and col. 6, In 65-col. 7, In 18); and

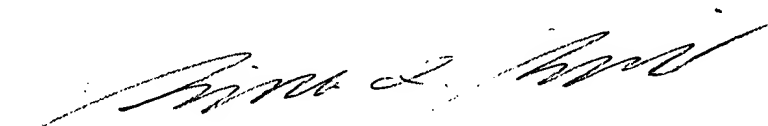
ignoring the user-defined CPL script if it is inconsistent with the service provider-defined IN service logic (see col. 3, In 58-col. 5, In 53 and col. 6, In 65-col. 7, In 18).

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bing Bui whose telephone number is (571) 272-7482. The examiner can normally be reached on Monday through Thursday from 7:30 to 5:00.

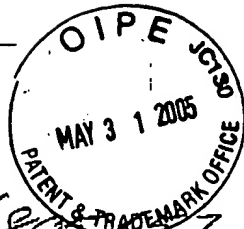
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (571) 272-7488. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306 and for formal communications intended for entry (please label the response ☐EXPEDITED PROCEDURE☐) or for informal or draft communications not intended for entry (please label the response "PROPOSED" or "DRAFT").

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

06 May 2005



BING Q. BUI
PRIMARY EXAMINER



Form PTO-948 (Rev. 06/03)
Application No. 29/805,457

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 3-14-2005 arc:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. **DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).
Color drawings are not acceptable until petition is granted. Fig(s) _____
Pencil and non black ink not permitted. Fig(s) _____
2. **PHOTOGRAPHS.** 37 CFR 1.84(b)
One (1) full-tone set is required. Fig(s) _____
Photographs may not be mounted. 37 CFR 1.84(e)
Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
Poor quality (half-tone). Fig(s) _____
3. **TYPE OF PAPER.** 37 CFR 1.84(c)
Paper not flexible, strong, white, and durable. Fig(s) _____
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____
4. **SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:
21.0 cm by 29.7 cm (DIN size A4) or
21.6 cm by 27.9 cm (8 1/2 x 11 inches)
All drawing sheets not the same size. Sheet(s) _____
Drawing sheets not an acceptable size. Fig(s) _____
5. **MARGIN.** 37 CFR 1.84(g): Acceptable margins:
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
Margins not acceptable. Fig(s) ALL
Top (T) ☒ Left (L) _____
Right (R) _____ Bottom (B) _____
6. **VIEWS.** 37 CFR 1.84(h)
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification at the Brief Description of the Drawings, must likewise be changed.
Views not labeled separately or properly. Fig(s) _____
7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)
Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)
Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
9. **SCALE.** 37 CFR 1.84(k)
Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)
Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
11. **SHADING.** 37 CFR 1.84(m)
Solid black areas pale. Fig(s) _____
Solid black shading not permitted. Fig(s) _____
12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)
☒ Numbers and reference characters not plain and legible. Fig(s) ALL
☒ Figure legends are poor. Fig(s) ALL
Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____
13. **LEAD LINES.** 37 CFR 1.84(q)
Lead lines missing. Fig(s) _____
14. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(r)
Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____
15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)
Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
16. **DESIGN DRAWINGS.** 37 CFR 1.152
Surface shading shown not appropriate. Fig(s) _____
Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENT: _____

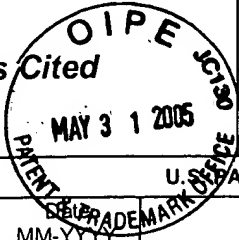
Reviewer: [Signature]

If you have questions, call (703) 305-8404.

Date: 3-14-2005

Attachment to Paper No. _____

Notice of References Cited



Application/Control No.

09/805,657

Applicant(s)/Patent Under

Reexamination
GLITHO ET AL.

Examiner

Bing Q. Bui

Art Unit

2642

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
X	A	US-6,823,056	11-2004	Hussain, Aamir M.	379/207.02
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.